

# Canadian Journal of Ophthalmology

# Journal canadien d'ophtalmologie

**Editeurs emeriti**

Editor-in-chief  
Associate editor  
Assistant editor  
Editorial board

Drs. C.C. Ewing, J.C. McCulloch,  
D.W. Mills, H.N. Reed  
Dr. D.J. Addison  
Dr. B.J. MacInnis  
Ms. G.S. Baker  
Drs. J.-L. Anctil,  
M. Barsoum-Homsy, I.S. Begg,  
J.R. Brunette, I.A. Chisholm,  
P.L. Davis, J.R. Gonder,  
R.P. LeBlanc, B.C. Leonard,  
J.F. Morgan, R.A. Morgan,  
J.S. Speakman  
Professor A.C. Bird, London,  
Dr. F.C. Blodi, Iowa City,  
Professor Y.J.M. Pouliquen, Paris  
Dr. R. Gagnon  
Dr. B.J. MacInnis

**Editeurs emeriti**

Rédacteur en chef  
Rédacteur associé  
Rédactrice adjointe  
Bureau de rédaction

**International  
advisory board**

Translation editor  
Book review editor

**Conseil consultatif  
international**

Directeur de la traduction  
Directeur de la critique de livres

**Subjects**
**Acanthamoeba:**

*Acanthamoeba keratitis*: an update, Wiens JJ et al, 107-110

**Accident prevention:**

Prevalence of illegal motor vehicle driving among visually impaired elderly patients in Alberta, Paetkau ME et al, 301-304

**Acquired immunodeficiency syndrome:**

AIDS and donor eyes [E], Dixon WS, 1-2

Preventing transmission of human immunodeficiency virus in ophthalmologic practice, Govig B et al, 5-7

**Adenocarcinoma:**

Adenocarcinoma of the lacrimal gland with metastasis to the preauricular lymph nodes and parotid gland, Jordan DR et al, 136-140

Mucinous eccrine sweat gland adenocarcinoma of the eyelid, Liszauer AD et al, 17-21

**Adrenergic  $\beta$ -receptor blockers:**

Efficacy of twice-daily levobunolol in the treatment of elevated intraocular pressure, Seamone C et al, 168-170

**Age factors:**

Prevalence of illegal motor vehicle driving among visually impaired elderly patients in Alberta, Paetkau ME et al, 301-304

**AIDS: see Acquired immunodeficiency syndrome**
**Amblyopia:**

Low-contrast visual acuity test for pediatric use, Regan D, 224-227

**Anesthesia:**

Keratometry under anesthesia [C], Braig RF, 42

**Anesthesia, adverse reactions:**

Ocular myotoxic effects of local anesthetics, Rao VA et al, 171-173

**Anesthesia, local, adverse reactions:**

Ocular myotoxic effects of local anesthetics, Rao VA et al, 171-173

**Angiography:**

Retinal cavernous hemangioma, Moffat KP et al, 133-135

**Autoantibodies:**

Visual paraneoplastic syndrome associated with undifferentiated endometrial carcinoma, Crofts JW et al, 128-132

**Blepharopigmentation: see Tattooing**
**Blindness:**

Canadian National Institute for the Blind: 70 years of caring [E], Addison DJ, 157-158

**Blood viscosity:**

Blood viscosity in ocular hypertension, Garcia-Salinas P et al, 305-307

**Canadian Ophthalmological Society:**

Anticlimax? [E], Addison DJ, 105-106

Encore [E], Addison DJ, 253-254

Honoured members [E], Addison DJ, 3-4

Society begins second half-century in Canada's oldest incorporated city, Garner J, 238-246

Society's annual meeting to break new ground, Garner J, 145-149

**Carcinoma:**

Mucinous eccrine sweat gland adenocarcinoma of the eyelid, Liszauer AD et al, 17-21

# Canadian Journal of Ophthalmology

# Journal canadien d'ophtalmologie

**Editores emeriti**

Editor-in-chief  
Associate editor  
Assistant editor  
Editorial board

Drs. C.C. Ewing, J.C. McCulloch,  
D.W. Mills, H.N. Reed  
Dr. D.J. Addison  
Dr. B.J. MacInnis  
Ms. G.S. Baker  
Drs. J.-L. Anctil,  
M. Barsoum-Homsy, I.S. Begg,  
J.R. Brunette, I.A. Chisholm,  
P.L. Davis, J.R. Gonder,  
R.P. LeBlanc, B.C. Leonard,  
J.F. Morgan, R.A. Morgan,  
J.S. Speakman  
Professor A.C. Bird, London,  
Dr. F.C. Blodi, Iowa City,  
Professor Y.J.M. Pouliquen, Paris  
Dr. R. Gagnon  
Dr. B.J. MacInnis

**Editores emeriti**

Rédacteur en chef  
Rédacteur associé  
Rédactrice adjointe  
Bureau de rédaction

**International  
advisory board**

Translation editor  
Book review editor

**Conseil consultatif  
international**

Directeur de la traduction  
Directeur de la critique de livres

**Subjects**
**Acanthamoeba:**

*Acanthamoeba keratitis*: an update, Wiens JJ et al, 107-110

**Accident prevention:**

Prevalence of illegal motor vehicle driving among visually impaired elderly patients in Alberta, Paetkau ME et al, 301-304

**Acquired immunodeficiency syndrome:**

AIDS and donor eyes [E], Dixon WS, 1-2

Preventing transmission of human immunodeficiency virus in ophthalmologic practice, Govig B et al, 5-7

**Adenocarcinoma:**

Adenocarcinoma of the lacrimal gland with metastasis to the preauricular lymph nodes and parotid gland, Jordan DR et al, 136-140

Mucinous eccrine sweat gland adenocarcinoma of the eyelid, Liszauer AD et al, 17-21

**Adrenergic  $\beta$ -receptor blockers:**

Efficacy of twice-daily levobunolol in the treatment of elevated intraocular pressure, Seamone C et al, 168-170

**Age factors:**

Prevalence of illegal motor vehicle driving among visually impaired elderly patients in Alberta, Paetkau ME et al, 301-304

**AIDS: see Acquired immunodeficiency syndrome**
**Amblyopia:**

Low-contrast visual acuity test for pediatric use, Regan D, 224-227

**Anesthesia:**

Keratometry under anesthesia [C], Braig RF, 42

**Anesthesia, adverse reactions:**

Ocular myotoxic effects of local anesthetics, Rao VA et al, 171-173

**Anesthesia, local, adverse reactions:**

Ocular myotoxic effects of local anesthetics, Rao VA et al, 171-173

**Angiography:**

Retinal cavernous hemangioma, Moffat KP et al, 133-135

**Autoantibodies:**

Visual paraneoplastic syndrome associated with undifferentiated endometrial carcinoma, Crofts JW et al, 128-132

**Blepharopigmentation: see Tattooing**
**Blindness:**

Canadian National Institute for the Blind: 70 years of caring [E], Addison DJ, 157-158

**Blood viscosity:**

Blood viscosity in ocular hypertension, Garcia-Salinas P et al, 305-307

**Canadian Ophthalmological Society:**

Anticlimax? [E], Addison DJ, 105-106

Encore [E], Addison DJ, 253-254

Honoured members [E], Addison DJ, 3-4

Society begins second half-century in Canada's oldest incorporated city, Garner J, 238-246

Society's annual meeting to break new ground, Garner J, 145-149

**Carcinoma:**

Mucinous eccrine sweat gland adenocarcinoma of the eyelid, Liszauer AD et al, 17-21

- Symptoms and time to presentation and treatment in ocular melanoma: the Western Canada Melanoma Study, Gallagher RP et al, 11-13
- Uveal melanoma with opaque media: absence of definitive diagnosis before enucleation, Char DH et al, 22-26
- Carcinoma, mucinous:  
Mucinous eccrine sweat gland adenocarcinoma of the eyelid, Liszauer AD et al, 17-21
- Carotid arteries:  
Successful treatment of the ocular ischemic syndrome with panretinal photocoagulation and cerebrovascular surgery, Johnston ME et al, 114-119
- Carotid artery diseases:  
Successful treatment of the ocular ischemic syndrome with panretinal photocoagulation and cerebrovascular surgery, Johnston ME et al, 114-119
- Carriers, genetic: see Heterozygote
- Cataract extraction:  
Comparison of 2% hydroxypropyl methylcellulose and 1% sodium hyaluronate in implant surgery, Hazariwala K et al, 259-261  
Effect of extracapsular cataract extraction on intraocular pressure, Kratky V et al, 111-113
- Catarh, vernal: see Photosensitivity disorders
- Cavernous sinus:  
Dural carotid-cavernous sinus vascular malformation with facial nerve paresis, Moster ML et al, 27-29
- Cholesterol:  
Plasma lipid patterns in patients with suspected glaucoma, Chisholm IA et al, 164-167
- Choroid diseases:  
Pathological study in a female carrier of choroideremia, Ghosh M et al, 181-186
- Choroideremia: see Choroid diseases
- Colour perception:  
Area of visual field and colour discrimination combined as a predictor of chronic open-angle glaucoma, Chisholm IA et al, 8-10  
Effect of acute medical reduction of intraocular pressure on the visual field and optic disc in ocular hypertension, Farinelli AC et al, 216-218
- Contact lenses:  
*Acanthamoeba* keratitis: an update, Wiens JJ et al, 107-110  
Infectious crystalline keratopathy, Zabel RW et al, 311-314  
*Mycobacterium chelonae* keratitis in a soft-contact-lens wearer, Zabel RW et al, 315-317
- Contact lenses, irrigating:  
A new wide-angle irrigating contact lens for pars plana vitrectomy [C], Peyman GA, 150
- Cornea:  
Infectious crystalline keratopathy, Zabel RW et al, 311-314  
Lecithin:cholesterol acyltransferase deficiency, Bellan L et al, 285-287
- Cornea, transplantation:  
*Acanthamoeba* keratitis: an update, Wiens JJ et al, 107-110  
AIDS and donor eyes [E], Dixon WS, 1-2  
Preventing transmission of human immunodeficiency virus in ophthalmologic practice, Govig B et al, 5-7
- Corneal diseases:  
*Acanthamoeba* keratitis: an update, Wiens JJ et al, 107-110  
Comparison of 2% hydroxypropyl methylcellulose and 1% sodium hyaluronate in implant surgery, Hazariwala K et al, 259-261  
Infectious crystalline keratopathy, Zabel RW et al, 311-314
- Corneal ulcer:  
*Mycobacterium chelonae* keratitis in a soft-contact-lens wearer, Zabel RW et al, 315-317  
Peripheral corneal ulcer associated with benign hypergamma-globulinemic purpura, Climenhaga DB et al, 228-231
- Cranial nerve, seventh: see Facial nerve
- Cranial nerve, third: see Oculomotor nerve
- Cyclopentolate:  
Comparison of 0.5% cyclopentolate plus 0.5% tropicamide and 1% cyclopentolate alone for mydriasis of dark irides, Nishizawa AR et al, 299-300
- Cycloplegics: see Mydriatics
- Dacryocystectomy: see Dacryocystitis
- Dacryocystitis:  
Diffuse large-cell lymphoma of the nasolacrimal sac, Jordan DR et al, 34-37
- Dacryocystography: see Dacryocystitis
- Delivery of health care:  
Eye care: Who cares? [E], Schneider RJ, 201-202
- Diabetes mellitus:  
Argon green and krypton red laser treatment of diabetic macular edema, Cruess AF et al, 262-266
- Diagnosis:  
The diagnosis of sarcoidosis, Jordan DR et al, 203-207  
Symptoms and time to presentation and treatment in ocular melanoma: the Western Canada Melanoma Study, Gallagher RP et al, 11-13  
Uveal melanoma with opaque media: absence of definitive diagnosis before enucleation, Char DH et al, 22-26
- Diagnosis, computer-assisted:  
Measurement of optic nerve head pallor with a video-ophthalmograph and with computerized boundary analysis, Mikelberg FS et al, 120-123
- Drug therapy:  
Epidemiologic approach to open-angle glaucoma: 1. Control of intraocular pressure. Report of the Canadian Ocular Adverse Drug Reaction Registry Program, Begg IS et al, 273-278
- Drug tolerance:  
Epidemiologic approach to open-angle glaucoma: 1. Control of intraocular pressure. Report of the Canadian Ocular Adverse Drug Reaction Registry Program, Begg IS et al, 273-278
- Drug toxicity:  
Ocular myotoxic effects of local anesthetics, Rao VA et al, 171-173
- Dry eye: see Lacrimal apparatus diseases
- Echometry:  
Corneal diameter and axial length in congenital glaucoma [C], Morin JD, 43-44  
Corneal diameter and axial length in congenital glaucoma [C], Sampaioles R, 42-43
- Edema:  
Argon green and krypton red laser treatment of diabetic macular edema, Cruess AF et al, 262-266
- Education, medical:  
Ranking clinical problems and ocular diseases in ophthalmology: an innovative approach to curriculum design, Harvey JT et al, 255-258
- Education, medical, undergraduate:  
Ranking clinical problems and ocular diseases in ophthalmology: an innovative approach to curriculum design, Harvey JT et al, 255-258
- Electro-oculography:  
Asymmetry in congenital ocular motor apraxia, Catalano RA et al, 318-321
- Electroretinography:  
Abnormal dark-adapted electroretinogram in Best's vitelliform macular degeneration, Lachapelle P et al, 279-284
- Epidemiology:  
Epidemiologic approach to open-angle glaucoma: 1. Control of intraocular pressure. Report of the Canadian Ocular Adverse Drug Reaction Registry Program, Begg IS et al, 273-278
- Epinephrine:  
Ocular myotoxic effects of local anesthetics, Rao VA et al, 171-173

- Epiphora:**  
Diffuse large-cell lymphoma of the nasolacrimal sac, Jordan DR et al, 34-37  
A simple technique for the prevention and management of Jones bypass tube extrusion, Corin SM et al, 322-323
- Esophoria:**  
The prism adaptation test in the preoperative evaluation of esodeviations, Delisle P et al, 208-212
- Esotropia:**  
The prism adaptation test in the preoperative evaluation of esodeviations, Delisle P et al, 208-212  
Rotatory nystagmus in infantile esotropia, Clarke WN et al, 270-272
- Ethics, professional:**  
Divided loyalties? [E], Addison DJ, 297-298
- Extraocular muscles:**  
Inferior oblique myositis presenting as superior oblique muscle palsy, Lahoud S et al, 124-127  
Ocular myotoxic effects of local anesthetics, Rao VA et al, 171-173
- Eyelids:**  
Histopathological findings in blepharopigmentation (eyelid tattoo), Hurwitz JJ et al, 267-269
- Facial nerve:**  
Dural carotid-cavernous sinus vascular malformation with facial nerve paresis, Moster ML et al, 27-29
- Geriatrics:**  
Prevalence of illegal motor vehicle driving among visually impaired elderly patients in Alberta, Paetkau ME et al, 301-304
- Glaucoma:**  
Area of visual field and colour discrimination combined as a predictor of chronic open-angle glaucoma, Chisholm IA et al, 8-10  
Blood viscosity in ocular hypertension, Garcia-Salinas P et al, 305-307  
Closed-angle glaucoma in 20 pairs of twins, Teikari JM, 14-16  
Corneal diameter and axial length in congenital glaucoma [C], Morin JD, 43-44  
Corneal diameter and axial length in congenital glaucoma [C], Sampaioles R, 42-43  
Effect of acute medical reduction of intraocular pressure on the visual field and optic disc in ocular hypertension, Farinelli AC et al, 216-218  
Effect of extracapsular cataract extraction on intraocular pressure, Kratky V et al, 111-113  
Epidemiologic approach to open-angle glaucoma: 1. Control of intraocular pressure. Report of the Canadian Ocular Adverse Drug Reaction Registry Program, Begg IS et al, 273-278  
Measurement of optic nerve head pallor with a video-ophthalmograph and with computerized boundary analysis, Mikelberg FS et al, 120-123  
Successful treatment of the ocular ischemic syndrome with panretinal photocoagulation and cerebrovascular surgery, Johnston ME et al, 114-119
- Glaucoma, drug therapy:**  
Efficacy of twice-daily levobunolol in the treatment of elevated intraocular pressure, Seamone C et al, 168-170
- Glaucoma, open-angle:**  
Area of visual field and colour discrimination combined as a predictor of chronic open-angle glaucoma, Chisholm IA et al, 8-10  
Epidemiologic approach to open-angle glaucoma: 1. Control of intraocular pressure. Report of the Canadian Ocular Adverse Drug Reaction Registry Program, Begg IS et al, 273-278
- Glaucoma, suspect:** see Ocular hypertension
- Granuloma:**  
The diagnosis of sarcoidosis, Jordan DR et al, 203-207
- Health manpower:**  
Eye care: Who cares? [E], Schneider RJ, 201-202  
Preventing transmission of human immunodeficiency virus in ophthalmologic practice, Govig B et al, 5-7  
Health personnel: see Health manpower
- Hemangioma, cavernous:**  
Retinal cavernous hemangioma, Moffat KP et al, 133-135
- Hematocrit:**  
Blood viscosity in ocular hypertension, Garcia-Salinas P et al, 305-307
- Hemorrhology:**  
Blood viscosity in ocular hypertension, Garcia-Salinas P et al, 305-307
- Hereditary diseases:**  
Closed-angle glaucoma in 20 pairs of twins, Teikari JM, 14-16  
Lecithin:cholesterol acyltransferase deficiency, Bellan L et al, 285-287  
Pathological study in a female carrier of choroideremia, Ghosh M et al, 181-186
- Herpesvirus infections:**  
Contralateral hemiparesis: late complication of herpes zoster ophthalmicus [C], Mallek D, 249
- Heterozygote:**  
Pathological study in a female carrier of choroideremia, Ghosh M et al, 181-186
- HIV:** see Human immunodeficiency virus
- Human immunodeficiency virus:**  
AIDS and donor eyes [E], Dixon WS, 1-2  
Preventing transmission of human immunodeficiency virus in ophthalmologic practice, Govig B et al, 5-7
- Hydroxypropyl methylcellulose:** see Methylcellulose
- Hypergammaglobulinemia:**  
Peripheral corneal ulcer associated with benign hypergammaglobulinemic purpura, Climenhaga DB et al, 228-231
- Intermediate filaments:**  
Visual paraneoplastic syndrome associated with undifferentiated endometrial carcinoma, Crofts JW et al, 128-132
- Intraocular lenses:** see Lenses, intraocular
- Intraocular pressure:**  
Area of visual field and colour discrimination combined as a predictor of chronic open-angle glaucoma, Chisholm IA et al, 8-10  
Closed-angle glaucoma in 20 pairs of twins, Teikari JM, 14-16  
Corneal diameter and axial length in congenital glaucoma [C], Morin JD, 43-44  
Corneal diameter and axial length in congenital glaucoma [C], Sampaioles R, 42-43  
Effect of acute medical reduction of intraocular pressure on the visual field and optic disc in ocular hypertension, Farinelli AC et al, 216-218  
Effect of extracapsular cataract extraction on intraocular pressure, Kratky V et al, 111-113  
Epidemiologic approach to open-angle glaucoma: 1. Control of intraocular pressure. Report of the Canadian Ocular Adverse Drug Reaction Registry Program, Begg IS et al, 273-278  
Plasma lipid patterns in patients with suspected glaucoma, Chisholm IA et al, 164-167
- Iris:**  
Comparison of 0.5% cyclopentolate plus 0.5% tropicamide and 1% cyclopentolate alone for mydriasis of dark irides, Nishizawa AR et al, 299-300
- Iron oxide:** see Oxides

#### Keratitis:

*Acanthamoeba* keratitis: an update, Wiens JJ et al, 107-110

#### Keratometry:

Keratometry under anesthesia [C], Braig RF, 42

Keratoplasty: see Cornea, transplantation

#### Lacrimal apparatus:

Adenocarcinoma of the lacrimal gland with metastasis to the preauricular lymph nodes and parotid gland, Jordan DR et al, 136-140

Diffuse large-cell lymphoma of the nasolacrimal sac, Jordan DR et al, 34-37

A simple technique for the prevention and management of Jones bypass tube extrusion, Corin SM et al, 322-323

#### Lacrimal apparatus diseases:

Adenocarcinoma of the lacrimal gland with metastasis to the preauricular lymph nodes and parotid gland, Jordan DR et al, 136-140

A comparative study of two preservative-free tear substitutes in the management of severe dry eye, Laflamme MY et al, 174-176

Diffuse large-cell lymphoma of the nasolacrimal sac, Jordan DR et al, 34-37

#### Lacrimal duct obstruction:

A simple technique for the prevention and management of Jones bypass tube extrusion, Corin SM et al, 322-323

#### Lagophthalmos:

Ocular myotoxic effects of local anesthetics, Rao VA et al, 171-173

#### Lasers:

Argon green and krypton red laser treatment of diabetic macular edema, Cruess AF et al, 262-266

Internal eye wall resection in the management of uveal melanoma, Peyman GA et al, 219-223

#### Lecithin acyltransferase deficiency:

Lecithin:cholesterol acyltransferase deficiency, Bellan L et al, 285-287

Lecithin:cholesterol acyltransferase deficiency: see Lecithin acyltransferase deficiency

#### Lenses, contact: see Contact lenses

#### Lenses, intraocular:

Comparison of 2% hydroxypropyl methylcellulose and 1% sodium hyaluronate in implant surgery, Hazariwala K et al, 259-261

#### Lester Jones tube:

A simple technique for the prevention and management of Jones bypass tube extrusion, Corin SM et al, 322-323

#### Levobunolol:

Efficacy of twice-daily levobunolol in the treatment of elevated intraocular pressure, Seamone C et al, 168-170

#### Lidocaine:

Ocular myotoxic effects of local anesthetics, Rao VA et al, 171-173

#### Light coagulation:

Argon green and krypton red laser treatment of diabetic macular edema, Cruess AF et al, 262-266

Internal eye wall resection in the management of uveal melanoma, Peyman GA et al, 219-223

Successful treatment of the ocular ischemic syndrome with panretinal photocoagulation and cerebrovascular surgery, Johnston ME et al, 114-119

#### Lipids:

Plasma lipid patterns in patients with suspected glaucoma, Chisholm IA et al, 164-167

#### Lipoproteinemia: see Lipoproteins

#### Lipoproteins:

Lecithin:cholesterol acyltransferase deficiency, Bellan L et al, 285-287

Plasma lipid patterns in patients with suspected glaucoma, Chisholm IA et al, 164-167

#### Lymphoma:

Diffuse large-cell lymphoma of the nasolacrimal sac, Jordan DR et al, 34-37

#### Macula lutea:

Abnormal dark-adapted electroretinogram in Best's vitelliform macular degeneration, Lachapelle P et al, 279-284

Argon green and krypton red laser treatment of diabetic macular edema, Cruess AF et al, 262-266

Magnetic resonance imaging: see Nuclear magnetic resonance

#### Media, opaque:

Uveal melanoma with opaque media: absence of definitive diagnosis before enucleation, Char DH et al, 22-26

Medical education: see Education, medical

#### Melanoma:

Internal eye wall resection in the management of uveal melanoma, Peyman GA et al, 219-223

Symptoms and time to presentation and treatment in ocular melanoma: the Western Canada Melanoma Study, Gallagher RP et al, 11-13

Uveal melanoma with opaque media: absence of definitive diagnosis before enucleation, Char DH et al, 22-26

#### Methylcellulose:

Comparison of 2% hydroxypropyl methylcellulose and 1% sodium hyaluronate in implant surgery, Hazariwala K et al, 259-261

#### Mycobacterium:

*Mycobacterium chelonae* keratitis in a soft-contact-lens wearer, Zabel RW et al, 315-317

#### Mycobacterium infections, atypical:

*Mycobacterium chelonae* keratitis in a soft-contact-lens wearer, Zabel RW et al, 315-317

#### Mydriatics:

Comparison of 0.5% cyclopentolate plus 0.5% tropicamide and 1% cyclopentolate alone for mydriasis of dark irides, Nishizawa AR et al, 299-300

#### Myositis:

Inferior oblique myositis presenting as superior oblique muscle palsy, Lahoud S et al, 124-127

#### Neoplasms:

Inferior oblique myositis presenting as superior oblique muscle palsy, Lahoud S et al, 124-127

Symptoms and time to presentation and treatment in ocular melanoma: the Western Canada Melanoma Study, Gallagher RP et al, 11-13

Visual paraneoplastic syndrome associated with undifferentiated endometrial carcinoma, Crofts JW et al, 128-132

#### Neovascularization:

Successful treatment of the ocular ischemic syndrome with panretinal photocoagulation and cerebrovascular surgery, Johnston ME et al, 114-119

Neurofilaments: see Intermediate filaments

#### Nuclear magnetic resonance:

Asymmetry in congenital ocular motor apraxia, Catalano RA et al, 318-321

#### Nystagmus:

Rotatory nystagmus in infantile esotropia, Clarke WN et al, 270-272

#### Ocular hypertension:

Area of visual field and colour discrimination combined as a predictor of chronic open-angle glaucoma, Chisholm IA et al, 8-10

Blood viscosity in ocular hypertension, Garcia-Salinas P et al, 305-307

- Effect of acute medical reduction of intraocular pressure on the visual field and optic disc in ocular hypertension, Farinelli AC et al, 216-218
- Plasma lipid patterns in patients with suspected glaucoma, Chisholm IA et al, 164-167
- Ocular hypertension, drug therapy:  
Efficacy of twice-daily levobunolol in the treatment of elevated intraocular pressure, Seamone C et al, 168-170
- Ocular ischemic syndrome: see Vascular diseases
- Ocular motor apraxia:  
Asymmetry in congenital ocular motor apraxia, Catalano RA et al, 318-321
- Oculomotor nerve:  
Recurrence of orbital pseudotumour after 10 years, Braig RF et al, 187-189
- Optic disc:  
Effect of acute medical reduction of intraocular pressure on the visual field and optic disc in ocular hypertension, Farinelli AC et al, 216-218
- Optic nerve:  
Blood viscosity in ocular hypertension, Garcia-Salinas P et al, 305-307  
Measurement of optic nerve head pallor with a video-ophthalmograph and with computerized boundary analysis, Mikelberg FS et al, 120-123  
Optic nerve involvement as the initial manifestation of sarcoidosis, Jordan DR et al, 232-237
- Orbital diseases:  
Orbitotomography, the dynamic assessment of orbital tension: 2. Results in patients with orbital disease, Hurwitz JJ et al, 308-310
- Orbital neoplasms:  
Inferior oblique myositis presenting as superior oblique muscle palsy, Lahoud S et al, 124-127
- Orbital pseudotumour:  
Bilateral sino-orbital pseudotumour, Pillai P et al, 177-180  
Recurrence of orbital pseudotumour after 10 years, Braig RF et al, 187-189
- Orbital tension:  
Orbitotomography, the dynamic assessment of orbital tension: 2. Results in patients with orbital disease, Hurwitz JJ et al, 308-310
- Orbital tumours: see Orbital neoplasms
- Orbitotomography:  
Orbitotomography, the dynamic assessment of orbital tension: 2. Results in patients with orbital disease, Hurwitz JJ et al, 308-310
- Orbitonometry:  
Orbitotomography, the dynamic assessment of orbital tension: 2. Results in patients with orbital disease, Hurwitz JJ et al, 308-310
- Oscillatory potentials:  
Abnormal dark-adapted electroretinogram in Best's vitelliform macular degeneration, Lachapelle P et al, 279-284
- Oxides:  
Histopathological findings in blepharopigmentation (eyelid tattoo), Hurwitz JJ et al, 267-269
- Pallor:  
Measurement of optic nerve head pallor with a video-ophthalmograph and with computerized boundary analysis, Mikelberg FS et al, 120-123
- Palsy: see Paralysis
- Paralysis:  
Inferior oblique myositis presenting as superior oblique muscle palsy, Lahoud S et al, 124-127  
Ocular myotoxic effects of local anesthetics, Rao VA et al, 171-173  
Recurrence of orbital pseudotumour after 10 years, Braig RF et al, 187-189
- Paresis:  
Contralateral hemiparesis: late complication of herpes zoster ophthalmicus [C], Mallek D, 249  
Dural carotid-cavernous sinus vascular malformation with facial nerve paresis, Moster ML et al, 27-29
- Pediatrics:  
Keratometry under anesthesia [C], Braig RF, 42  
Low-contrast visual acuity test for pediatric use, Regan D, 224-227  
Preschool vision testing with a new device, the Scolatest, Jacob JL et al, 159-163  
Rotatory nystagmus in infantile esotropia, Clarke WN et al, 270-272  
Usefulness of computerized visual acuity testing in a pediatric ophthalmology clinic, Raymond JE et al, 213-215
- Photocoagulation: see Light coagulation
- Photodermatosis: see Photosensitivity disorders
- Photoreceptors:  
Pathological study in a female carrier of choroideremia, Ghosh M et al, 181-186
- Photosensitivity disorders:  
Conjunctivitis and pterygium associated with the American Indian type of polymorphous light eruption, Fletcher DC et al, 30-33
- Pigment epithelium of eye:  
Pathological study in a female carrier of choroideremia, Ghosh M et al, 181-186
- Plasmapheresis:  
Peripheral corneal ulcer associated with benign hypergammaglobulinemic purpura, Climenhaga DB et al, 228-231  
Polymorphous light eruption: see Photosensitivity disorders
- Primary health care:  
Eye care: Who cares? [E], Schneider RJ, 201-202
- Propamidine:  
Acanthamoeba keratitis: an update, Wiens JJ et al, 107-110
- Proptosis:  
Bilateral sino-orbital pseudotumour, Pillai P et al, 177-180
- Prurigo, actinic:  
Conjunctivitis and pterygium associated with the American Indian type of polymorphous light eruption, Fletcher DC et al, 30-33
- Pterygium:  
Conjunctivitis and pterygium associated with the American Indian type of polymorphous light eruption, Fletcher DC et al, 30-33
- Ptoxis:  
Ocular myotoxic effects of local anesthetics, Rao VA et al, 171-173  
Recurrence of orbital pseudotumour after 10 years, Braig RF et al, 187-189
- Pupil:  
Recurrence of orbital pseudotumour after 10 years, Braig RF et al, 187-189
- Purpura:  
Peripheral corneal ulcer associated with benign hypergammaglobulinemic purpura, Climenhaga DB et al, 228-231
- Retina:  
Abnormal dark-adapted electroretinogram in Best's vitelliform macular degeneration, Lachapelle P et al, 279-284  
Pathological study in a female carrier of choroideremia, Ghosh M et al, 181-186  
Retinal cavernous hemangioma, Moffat KP et al, 133-135
- Retinal diseases:  
Successful treatment of the ocular ischemic syndrome with panretinal photocoagulation and cerebrovascular surgery, Johnston ME et al, 114-119
- Retinal vessels:  
Successful treatment of the ocular ischemic syndrome with panretinal photocoagulation and cerebrovascular surgery, Johnston ME et al, 114-119

- Sarcoidosis:**  
The diagnosis of sarcoidosis, Jordan DR et al, 203-207  
Optic nerve involvement as the initial manifestation of sarcoidosis, Jordan DR et al, 232-237
- Sclerokeratitis:**  
Peripheral corneal ulcer associated with benign hypergamma-globulinemic purpura, Climenhaga DÖ et al, 228-231
- Sodium hyaluronate:**  
Comparison of 2% hydroxypropyl methylcellulose and 1% sodium hyaluronate in implant surgery, Hazariwala K et al, 259-261
- Strabismus:**  
Inferior oblique myositis presenting as superior oblique muscle palsy, Lahoud S et al, 124-127  
The prism adaptation test in the preoperative evaluation of esodeviations, Delisle P et al, 208-212  
Rotatory nystagmus in infantile esotropia, Clarke WN et al, 270-272
- Streptococcus:**  
Infectious crystalline keratopathy, Zabel RW et al, 311-314
- Surgery, operative:**  
Internal eye wall resection in the management of uveal melanoma, Peyman GA et al, 219-223  
The prism adaptation test in the preoperative evaluation of esodeviations, Delisle P et al, 208-212
- Surgery, refractive:**  
Keratometry under anesthesia [C], Braig RF, 42
- Sweat glands:**  
Mucinous eccrine sweat gland adenocarcinoma of the eyelid, Liszauer AD et al, 17-21
- Tattooing:**  
Histopathological findings in blepharopigmentation (eyelid tattoo), Hurwitz JJ et al, 267-269
- Tear substitutes:**  
A comparative study of two preservative-free tear substitutes in the management of severe dry eye, Laflamme MY et al, 174-176
- Tear substitutes, preservative-free:**  
A comparative study of two preservative-free tear substitutes in the management of severe dry eye, Laflamme MY et al, 174-176
- Timolol:**  
Efficacy of twice-daily levobunolol in the treatment of elevated intraocular pressure, Seamone C et al, 168-170
- Tissue resistance:**  
Orbitonotography, the dynamic assessment of orbital tension: 2. Results in patients with orbital disease, Hurwitz JJ et al, 308-310
- Triglycerides:**  
Plasma lipid patterns in patients with suspected glaucoma, Chisholm IA et al, 164-167
- Tropicamide:**  
Comparison of 0.5% cyclopentolate plus 0.5% tropicamide and 1% cyclopentolate alone for mydriasis of dark irides, Nishizawa AR et al, 299-300
- Tumours: see Neoplasms**
- Twins:**  
Closed-angle glaucoma in 20 pairs of twins, Teikari JM, 14-16
- Ultrasonic diagnosis:**  
Uveal melanoma with opaque media: absence of definitive diagnosis before enucleation, Char DH et al, 22-26
- Ultrasonography: see Ultrasonic diagnosis**
- Uveal diseases:**  
Internal eye wall resection in the management of uveal melanoma, Peyman GA et al, 219-223
- Vascular diseases:**  
Dural carotid-cavernous sinus vascular malformation with facial nerve paresis, Moster ML et al, 27-29  
Successful treatment of the ocular ischemic syndrome with panretinal photocoagulation and cerebrovascular surgery, Johnston ME et al, 114-119
- Venous stasis: see Vascular diseases**
- Vision disorders:**  
Visual paraneoplastic syndrome associated with undifferentiated endometrial carcinoma, Crofts JW et al, 128-132
- Vision tests:**  
Low-contrast visual acuity test for pediatric use, Regan D, 224-227  
Preschool vision testing with a new device, the Scolatest, Jacob JL et al, 159-163  
Usefulness of computerized visual acuity testing in a pediatric ophthalmology clinic, Raymond JE et al, 213-215
- Vision tests, computer-assisted:**  
Usefulness of computerized visual acuity testing in a pediatric ophthalmology clinic, Raymond JE et al, 213-215
- Visual acuity:**  
Low-contrast visual acuity test for pediatric use, Regan D, 224-227  
Prevalence of illegal motor vehicle driving among visually impaired elderly patients in Alberta, Paetkau ME et al, 301-304  
Usefulness of computerized visual acuity testing in a pediatric ophthalmology clinic, Raymond JE et al, 213-215
- Visual fields:**  
Area of visual field and colour discrimination combined as a predictor of chronic open-angle glaucoma, Chisholm IA et al, 8-10  
Effect of acute medical reduction of intraocular pressure on the visual field and optic disc in ocular hypertension, Farinelli AC et al, 216-218
- Visual paraneoplastic syndrome:**  
Visual paraneoplastic syndrome associated with undifferentiated endometrial carcinoma, Crofts JW et al, 128-132
- Vitrectomy:**  
A new wide-angle irrigating contact lens for pars plana vitrectomy [C], Peyman GA, 150
- Vitreous body:**  
A new wide-angle irrigating contact lens for pars plana vitrectomy [C], Peyman GA, 150

## Authors

- Addison DJ:  
Anticlimax? [E], 105-106  
Canadian National Institute for the Blind: 70 years of caring [E], 157-158
- Canadian Ophthalmic Pathology Study Group meets in Saint John, 326  
Divided loyalties? [E], 297-298  
Encore [E], 253-254

Honoured members [E], 3-4  
See Jordan DR  
Anderson RL: see Jordan DR

Bachynski BN: see Crofts JW  
Barr GR: see Char DH  
Barsoum-Homsy M: see Lahoud S  
Beaulieu Y: see Jacob JL  
Begg IS, Cottle RW:  
Epidemiologic approach to open-angle glaucoma: 1. Control of intraocular pressure. Report of the Canadian Ocular Adverse Drug Reaction Registry Program, 273-278  
Bellan L, Mikelberg F, Frohlich J:  
Lecithin:cholesterol acyltransferase deficiency, 285-287  
Blaylock JF: see Clarke WN  
Braig RF:  
Keratometry under anesthesia [C], 42  
See Chisholm IA  
Braig RF, Romanchuk KG:  
Recurrence of orbital pseudotumour after 10 years, 187-189  
Brownstein S: see Hurwitz JJ  
See Lahoud S  
See Liszauer AD  
Brunet E: see Jacob JL

Cadera W: see Nishizawa AR  
Calhoun JH: see Catalano RA  
Canny CLB: see Johnston ME  
Catalano RA, Calhoun JH, Reinecke RD, Cogan DG:  
Asymmetry in congenital ocular motor apraxia, 318-321  
Char DH, Howes EL Jr, Fries PD, Stone RD, Barr GR:  
Uveal melanoma with opaque media: absence of definitive diagnosis before enucleation, 22-26  
Charles H: see Peyman GA  
Chisholm IA, Braig RF:  
Area of visual field and colour discrimination combined as a predictor of chronic open-angle glaucoma, 8-10  
Chisholm IA, Stead S:  
Plasma lipid patterns in patients with suspected glaucoma, 164-167  
Chong JP: see Harvey JT  
Clarke WN, Noël LP, Blaylock JF:  
Rotatory nystagmus in infantile esotropia, 270-272  
Climenhaga DB, Jackson WB, Delcarpio J:  
Peripheral corneal ulcer associated with benign hypergammaglobulinemic purpura, 228-231  
Codère F: see Liszauer AD  
Cogan DG: see Catalano RA  
Corin SM, Hurwitz JJ, Tucker SM:  
A simple technique for the prevention and management of Jones bypass tube extrusion, 322-323  
Cottle RW: see Begg IS  
Crofts JW, Bachynski BN, Odel JG:  
Visual paraneoplastic syndrome associated with undifferentiated endometrial carcinoma, 128-132  
Crues AF, Williams JC, Willan AR:  
Argon green and krypton red laser treatment of diabetic macular edema, 262-266

Davis J: see Gallagher RP  
Delcarpio J: see Climenhaga DB  
Delisle P, Strasfeld M, Pelletier D:  
The prism adaptation test in the preoperative evaluation of esodeviations, 208-212  
Dixon WS:  
AIDS and donor eyes [E], 1-2

Douglas GR: see Farinelli AC  
See Mikelberg FS  
Drance SM: see Farinelli AC  
See Mikelberg FS  
Dunne T:  
1987 orthoptic scientific session, 46  
1988 orthoptic scientific session, 326

Elwood JM: see Gallagher RP

Farinelli AC, Mikelberg FS, Drance SM, Douglas GR, Schulzer M, Wijsman K:  
Effect of acute medical reduction of intraocular pressure on the visual field and optic disc in ocular hypertension, 216-218  
Feldman F: see Kratky V  
Fletcher DC, Romanchuk KG, Lane PR:  
Conjunctivitis and pterygium associated with the American Indian type of polymorphous light eruption, 30-33; correction: 193  
Fries PD: see Char DH  
Frohlich J: see Bellan L

Gallagher RP, Elwood JM, Rootman J, Threlfall WJ, Davis J:  
Symptoms and time to presentation and treatment in ocular melanoma: the Western Canada Melanoma Study, 11-13  
Garcia-Salinas P, Trope GE, Glynn M:  
Blood viscosity in ocular hypertension, 305-307  
Garner J:  
Society begins second half-century in Canada's oldest incorporated city, 238-246  
Society's annual meeting to break new ground, 145-149  
Gentles W: see Hurwitz JJ  
Ghosh M: see Moffat KP  
Ghosh M, McCulloch C, Parker JA:  
Pathological study in a female carrier of choroideremia, 181-186  
Gilmore N: see Govig B  
Glynn M: see Garcia-Salinas P  
Gonder JR: see Johnston ME  
Govig B, Jackson WB, Gilmore N:  
Preventing transmission of human immunodeficiency virus in ophthalmologic practice, 5-7  
Grossman RI: see Mosier ML

Harvey JT, Chong JP, Neufeld VR, Sackett DL, Oates MJ:  
Ranking clinical problems and ocular diseases in ophthalmology: an innovative approach to curriculum design, 255-258  
Hazariwala K, Mortimer CB, Slomovic AR:  
Comparison of 2% hydroxypropyl methylcellulose and 1% sodium hyaluronate in implant surgery, 259-261  
Hiebert T: see Paetkau ME  
Howes EL Jr: see Char DH  
Hurwitz JJ: see Corin SM  
Hurwitz JJ, Brownstein S, Mishkin SK:  
Histopathological findings in blepharopigmentation (eyelid tattoo), 267-269  
Hurwitz JJ, McGowan HD, Gentles W, Weise RA, Victor W:  
Orbitotomography, the dynamic assessment of orbital tension: 2. Results in patients with orbital disease, 308-310

Jackson WB: see Climenhaga DB  
See Govig B  
See Wiens JJ

- Jacob JL, Milot J, Beaulieu Y, Brunet E:  
Preschool vision testing with a new device, the Scolatest,  
159-163
- Johnston ME, Gonder JR, Canny CLB:  
Successful treatment of the ocular ischemic syndrome with  
panretinal photocoagulation and cerebrovascular surgery,  
114-119
- Jordan DR, Addison DJ, Watson AG, McLeish WA:  
Adenocarcinoma of the lacrimal gland with metastasis to the  
preauricular lymph nodes and parotid gland, 136-140
- Jordan DR, Anderson RL, Nerad JA, Patrinely JR, Scraftford  
DB:  
Optic nerve involvement as the initial manifestation of  
sarcoidosis, 232-237
- Jordan DR, Anderson RL, Nerad JA, Scraftford DB:  
The diagnosis of sarcoidosis, 203-207
- Jordan DR, Nerad JA:  
Diffuse large-cell lymphoma of the nasolacrimal sac, 34-37
- Kawatra VK: see Rao VA
- Kratky V, Feldman F:  
Effect of extracapsular cataract extraction on intraocular  
pressure, 111-113
- Lachapelle P, Quigley MG, Polomeno RC, Little JM:  
Abnormal dark-adapted electroretinogram in Best's vitel-  
liform macular degeneration, 279-284
- Laflamme MY, Swieca R:  
A comparative study of two preservative-free tear substitutes  
in the management of severe dry eye, 174-176
- Lahoud S, Brownstein S, Barsoum-Homsy M:  
Inferior oblique myositis presenting as superior oblique  
muscle palsy, 124-127
- Lane PR: see Fletcher DC
- LeBlanc R: see Seamone C
- Lee MS: see Moffat KP
- Liszauer AD, Brownstein S, Codère F:  
Mucinous eccrine sweat gland adenocarcinoma of the eyelid,  
17-21
- Little JM: see Lachapelle P
- MacDonald I: see Zabel RW
- MacDonald IM, Sandre RM, Hunter AGW, Tenniswood MPR:  
Gene mapping of X-linked choroideremia with restriction  
fragment-length polymorphisms (22: 310); correction: 44
- Mallek D:  
Contralateral hemiparesis: late complication of herpes zoster  
ophthalmicus [C], 249
- McCulloch C: see Ghosh M
- McGowan HD: see Hurwitz JJ
- McLeish WA: see Jordan DR
- Mikelberg F: see Bellan L
- Mikelberg FS: see Farinelli AC
- Mikelberg FS, Douglas GR, Drance SM, Schulzer M, Schwartz  
B, Nagin P, Wijsman K:  
Measurement of optic nerve head pallor with a video-  
ophthalmograph and with computerized boundary anal-  
ysis, 120-123
- Milot J: see Jacob JL
- Mintsioulis G: see Zabel RW
- Mishkin SK: see Hurwitz JJ
- Moffat KP, Lee MS, Ghosh M:  
Retinal cavernous hemangioma, 133-135
- Morin JD:  
Corneal diameter and axial length in congenital glaucoma [C],  
43-44
- Mortimer CB: see Hazariwala K
- Moster ML, Sergott RC, Grossman RI:  
Dural carotid-cavernous sinus vascular malformation with  
facial nerve paresis, 27-29
- Nagin P: see Mikelberg FS
- Nerad JA: see Jordan DR
- Neufeld VR: see Harvey JT
- Nishizawa AR, Orton RB, Caderra W:  
Comparison of 0.5% cyclopentolate plus 0.5% tropicamide  
and 1% cyclopentolate alone for mydriasis of dark irides,  
299-300
- Noël LP: see Clarke WN
- Novack G: see Seamone C
- Oates MJ: see Harvey JT
- Odel JG: see Crofts JW
- Orton RB: see Nishizawa AR
- Paetkau ME, Taerum T, Hiebert T:  
Prevalence of illegal motor vehicle driving among visually  
impaired elderly patients in Alberta, 301-304
- Parker JA: see Ghosh M
- Pashby T:  
Eye injuries in Canadian amateur hockey still a concern [E]  
(22: 293); correction: 44
- Patrinely JR: see Jordan DR
- Pelletier D: see Delisle P
- Peyman GA:  
A new wide-angle irrigating contact lens for pars plana  
vitrectomy [C], 150
- Peyman GA, Charles H:  
Internal eye wall resection in the management of uveal  
melanoma, 219-223
- Pillai P, Saini JS:  
Bilateral sino-orbital pseudotumour, 177-180
- Polomeno RC: see Lachapelle P
- Quigley MG: see Lachapelle P
- Rao VA, Kawatra VK:  
Ocular myotoxic effects of local anesthetics, 171-173
- Raymond JE, Shapiro KL:  
Usefulness of computerized visual acuity testing in a pediatric  
ophthalmology clinic, 213-215
- Regan D:  
Low-contrast visual acuity test for pediatric use, 224-227
- Reinecke RD: see Catalano RA
- Romanchuk KG: see Braig RF
- See Fletcher DC
- Rootman J: see Gallagher RP
- Sackett DL: see Harvey JT
- Saheb N: see Seamone C
- Saini JS: see Pillai P
- Sampaolesi R:  
Corneal diameter and axial length in congenital glaucoma [C],  
42-43
- Schneider RJ:  
Eye care: Who cares? [E], 201-202
- Schulzer M: see Farinelli AC
- See Mikelberg FS

Schwartz B: see Mikelberg FS  
 Scraftford DB: see Jordan DR  
 Seamone C, LeBlanc R, Saheb N, Novack G:  
   Efficacy of twice-daily levobunolol in the treatment of  
   elevated intraocular pressure, 168-170  
 Sergott RC: see Moster ML  
 Shapiro KL: see Raymond JE  
 Slomovic AR: see Hazariwala K  
 Stead S: see Chisholm IA  
 Stone RD: see Char DH  
 Strasfeld M: see Delisle P  
 Swieca R: see Laflamme MY

Victor W: see Hurwitz JJ

Watson AG: see Jordan DR  
 Weise RA: see Hurwitz JJ  
 Wiens JJ, Jackson WB:  
   *Acanthamoeba* keratitis: an update, 107-110; correction: 249  
 Wijsman K: see Farinelli AC  
   See Mikelberg FS  
 Willan AR: see Cruess AF  
 Williams JC: see Cruess AF

Taerum T: see Paetkau ME  
 Teikari JM:  
   Closed-angle glaucoma in 20 pairs of twins, 14-16  
 Threlfall WJ: see Gallagher RP  
 Trope GE: see Garcia-Salinas P  
 Tucker SM: see Corin SM  
 Tuft S: see Zabel RW

Zabel RW, Mintsoulis G, MacDonald I:  
   *Mycobacterium chelonae* keratitis in a soft-contact-lens wearer,  
   315-317  
 Zabel RW, Mintsoulis G, MacDonald I, Tuft S:  
   Infectious crystalline keratopathy, 311-314

---

## Book Reviews

Anterior Segment Surgery. IOL's, Lasers, and Refractive  
 Keratoplasty, Agapitos PJ, 193

Surgical Intervention in Corneal and External Diseases,  
 Agapitos PJ, 153

---

## Meeting Reports

Canadian Ophthalmic Pathology Study Group meets in Saint  
 John, Addison DJ, 326  
 1987 orthoptic scientific session, Dunne T, 46  
 1988 orthoptic scientific session, Dunne T, 326

Society begins second half-century in Canada's oldest incor-  
 porated city, Garner J, 238-246  
 Society's annual meeting to break new ground, Garner J,  
 145-149

---

## Obituary

Kelly, R. Gordon C., 45-46

